

**1. Modify the following texts so that the statements are true.**

Cloud computing is a ( centralized / distributed ) computing paradigm that focuses on providing a ( narrow / wide ) range of users with ( centralized / distributed ) access to scalable, virtualized hardware and/or software infrastructure over ( mobile networks / Internet ).

Resources in the cloud ( are / are not ) transparent to the users, and the users ( need / do not need ) to know their exact location.

If used properly, cloud computing is a technology with great opportunity for businesses of ( small / medium / big ) size.

The main challenge with cloud computing is ( security, including privacy / lack or limited control ).

The consumer ( can / can not ) unilaterally provision computing capabilities ( automatically / hand operated ).

Most implementations of ( scalability / broad network access ) are based on adding or removing nodes or servers.

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**2. Mark the true statements.**

- ☐ Cloud computing capabilities are available over the network and accessed through different client platforms thanks to the use of standard mechanisms.
- ☐ On-demand self-service does not imply a high level of planning.
- ☐ There are numerous cloud computing services that are either written entirely in open source code, or at least incorporating open source into the final application.
- ☐ Cloud service is an application program that functions in the cloud, with some characteristics of a pure desktop app and some characteristics of a pure Web app.
- ☐ The architecture of a cloud solution is the structure of the system, which typically comprises cloud resources, services, network, middleware, and software components, the externally visible properties of those, and the relationships between them.
- ☐ Middleware is the software that makes possible the connection between any two clients, servers, databases or even applications.



**3. Assign the terms from the left column to the corresponding on the right.**

Private cloud	... is a combination of different methods of resource pooling entities.
Public cloud	Built and managed within a single organization.
Community cloud	Allows customers benefit from economies of scale.
Hybrid cloud	Shares computing resources across several organizations.

**4. Fill the numbers of correct statements**


- 1 – Cloud users need to invest in information technology infrastructure, purchase hardware, or buy software licenses.
- 2 – Cloud computing allows a business to use, access and pay only for what they use, with a fast implementation time.
- 3 – All access to the cloud is done via the internet, introducing latency into every communication between the user and the provider.
- 4 – The amount of control that the user has over the cloud provider and its resources do not greatly vary between providers.
- 5 – Adequate or timely data deletion is always possible in cloud computing
- 6 – The problem of data protection risk for cloud customers increases in cases of multiple transfers of data, e.g., between federated clouds.
- 7 – Cloud services do not require users to have sophisticated computers that can run specialized software.

